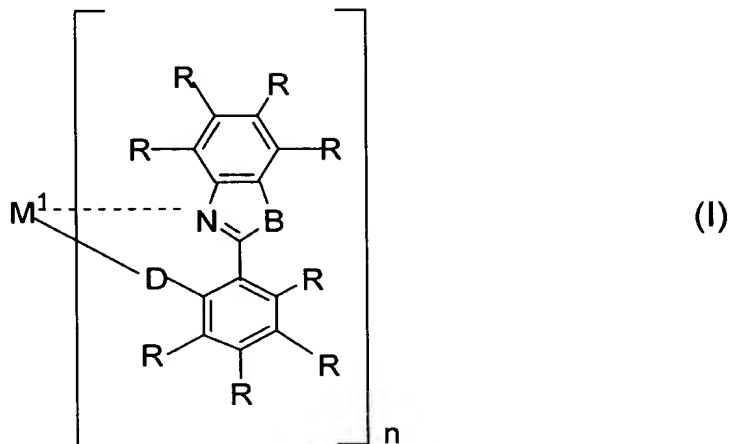


What is claimed is:

1. An organometallic luminescent material comprising a compound of formula (I):

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wherein,

M^1 is a monovalent or tetravalent metal selected from the group consisting of Li, Na, K, Zr, Si, Ti, Sn, Cs, Fr, Rb, Hf, Pr, Pa, Ge, Pb, Tm and Md;

R is hydrogen or C_{1-10} alkyl;

B is O, S, Se or Te;

D is O or S; and

n is an integer ranging from 1 to 4.

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2. An electroluminescent device which comprises an organic luminescent layer containing the organometallic luminescent material of claim 1.
3. The device of claim 2, wherein the organometallic luminescent material is present alone, or in combination with a polymer or an inorganic material, or in the form of a dopant in a polymer.

4. The device of claim 2 wherein the organic luminescent layer is formed by a spin coating, vapor deposition, vacuum thermal deposition, sputtering or electron beam deposition method.

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